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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,*

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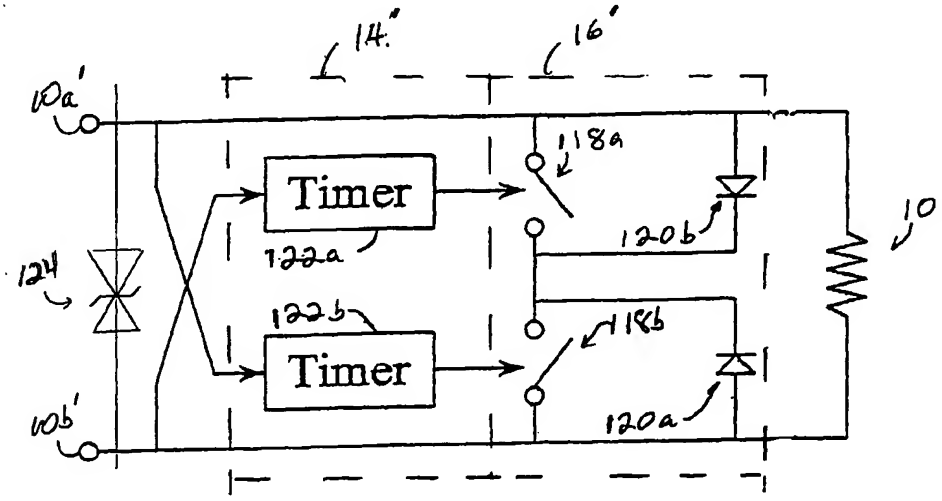
(54) Title: TIMER-CONTROLLED CLAMP FOR INITIATION ELEMENTS



(57) Abstract: This invention relates to protective circuitry (12) for electrical initiation elements (10) and finds utility in preventing inadvertent functioning of electrical bridge-initiation elements, such as semiconductor bridges (SCBs), bridgewires, etc., by transient environmental electrical signals. The protective circuitry (12) of this invention comprises a timer portion (14) and a clamping portion (16) and is designed to divert from the electrical initiation element (10) at least a portion of an electrical signal received at the input nodes (10a, 10b) thereof for a suitable time interval that corresponds to the duration of an expected transient signal, which is typically significantly smaller than the duration of a proper initiation signal.

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